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(54) **A transmission document edition device, a received document processing device, a server device in a communication document processing system, and a computer-readable record medium that stores the function**

(57) A transmission document edition device edits a transmission document to be transmitted to a variety of mobile communication terminals from a document described in a markup language. A document content temporarily storage unit stores a document including a plurality of document elements to be transmitted. A device input/output information storage unit stores a plurality of pieces of device input/output information that indicate the document elements to be transmitted for a plurality

of types of mobile communication terminal. A transmission document creation unit creates a transmission document including the document and the plurality of pieces of device input/output information. A simulation operation execution unit obtains the piece of device input/output information corresponding to the designated type of mobile communication terminal from the transmission document, selects the document element indicated in the obtained device input/output information, and creates display data.

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	BOB WOODS: "Spyglass' Prism Displays Web Content On Non-PC Devices" NEWSBYTES, 'Online! 16 September 1997 (1997-09-16), XP002157010 Retrieved from the Internet: <URL:http://www.nbnn.com/pubNews/97/100003.html> 'retrieved on 2001-01-11! * the whole document *	1-22	G06F17/22 G06F17/21
P,X	DAN JOHNSON: "Converting PC GUIs for NonPC Devices" CIRCUIT CELLAR INK, February 1998 (1998-02), pages 40-45, XP000852859 * the whole document *	1-22	
X	T. W. BICKMORE ET AL.: "Digester: device-independent access to the World Wide Web" COMPUTER NETWORKS AND ISDN SYSTEMS, vol. 29, no. 8-13, September 1997 (1997-09), pages 1075-1082, XP004095305 Amsterdam, NL * the whole document *	1-22	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G06F
A	"Spyglass Prism Allows Non-PC Devices to Display Content up to Four Times Faster" TECHMALL, 'Online! 16 September 1997 (1997-09-16), XP002157011 Retrieved from the Internet: <URL:http://www8.techmall.com/TS970916-2.html> 'retrieved on 2001-01-11! * the whole document *	1-22	
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
BERLIN	11 January 2001	Abram, R	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : technological background O : non-written disclosure P : intermediate document * : member of the same patent family, corresponding document	
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cls)
A	"Multi-Environment Preprocessor for Documentation Publishing System" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 37, no. 4b, April 1994 (1994-04), pages 85-87, XP000451181 Armonk, NY, US * the whole document *	1-22	
A	A. FOX ET AL.: "Reducing WWW latency and bandwidth requirements by real-time distillation" COMPUTER NETWORKS AND ISDN SYSTEMS, vol. 28, 1996, pages 1445-1456, XP004018241 Amsterdam, NL * the whole document *	1-22	
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The present search report has been drawn up for all claims			
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CATEGORY OF CITED DOCUMENTS		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons & : member of the same patent family, corresponding document	
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